

L8 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2007 ACS on STN
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 DOCUMENT NUMBER: 140:111413
 TITLE: Preparation of Mg salt of [(substituted pyridyl)methyl]sulfinyl-1H-benzimidazole derivatives
 INVENTOR(S): Cui, Mingquan; He, Chuanhua; Wang, Xiaoling; Li, Lan; Peng, Jiankun; Qiu, Yu
 PATENT ASSIGNEE(S): Chengdu Yaoyou Science and Technology Development Co., Ltd., Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.
 CODEN: CNXXEV
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 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

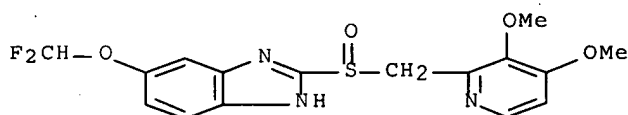
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1367172	A	20020904	CN 2002-113294	20020130
PRIORITY APPLN. INFO.:			CN 2002-113294	20020130

OTHER SOURCE(S): CASREACT 140:111413

AB The Mg salts of [(substituted pyridyl)methyl]sulfinyl-1H-benzimidazole derivs. are prepared by the reaction of [(substituted pyridyl)methyl]sulfinyl-1H-benzimidazole derivs. with soluble Mg salt (such as MgCl₂ or Mg(NO₃)₂) (at a molar ratio of 1:0.45- 0.55) in alkaline solution at pH 9-13.

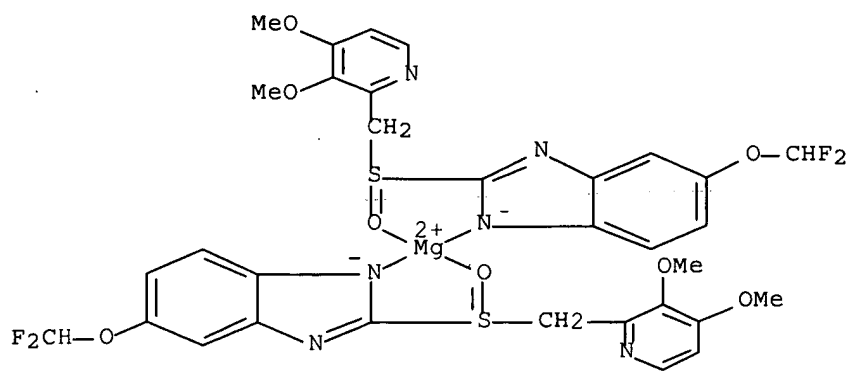
IT 102625-70-7, Pantoprazole
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of Mg salt of [(substituted pyridyl)methyl]sulfinyl-1H-benzimidazole derivs.)

RN 102625-70-7 CAPLUS
 CN 1H-Benzimidazole, 6-(difluoromethoxy)-2-[[[(3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]- (CA INDEX NAME)



IT 199387-73-0P, Pantoprazole magnesium
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of Mg salt of [(substituted pyridyl)methyl]sulfinyl-1H-benzimidazole derivs.)

RN 199387-73-0 CAPLUS
 CN Magnesium, bis[5-(difluoromethoxy)-2-[[[(3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl-kO]-1H-benzimidazolato-kN1]-, (T-4)-(9CI) (CA INDEX NAME)



Preparation method of [(substituted pyridyl) methyl] sulfinyl-1H-benzimidazole compound magnesium salt

Publication number: CN1367172

Abstract version 2

Publication date: 2002-09-04

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Applicant: YAOYOU SCIENCE & TECHNOLOGY DE (CN)

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- international: C07D401/12; C07D401/00; (IPC1-7): C07D401/12

- European:

Application number: CN20021013294 20020130

Priority number(s): CN20021013294 20020130

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Abstract of CN1367172

A preparation method of [(substituted pyridyl) methyl] sulfinyl-1H-benzimidazol compound magnesium salt which can be used as protein pump inhibitor medicine is characterized by that the [(substitutedpyridyl) methyl] sulfinyl-1H-benzimidazol compound is dissolved in alkaline aqoues solution, and making the pH value of said solution be 9-13, then the water-soluble magnesium salt solution can be drop-added to the above-mentioned solution, and fully precipitated and the precipitate can be collected. This invention can greatly simplify the process and reduce the cost.

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